BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

SECTION- IX

VOLUME-II

Bill of Quantities (BOQ)

PART-I SUPPLY PORTION				
SL No	**Particulars**	**Unit**	**Total Qty**	**Material Code**
1	Supply & Erection of PSCC pole 9 mtr long 300 kg W/L (for dead end and anchor points only)	No	**6**	200005
2	Supply & Erection of PSCC pole 9 mtr long 200kg W/L (for intermediate only)	No	**7**	200006
3	Supply & Erection of 11 kV, Horizontal Cross Arm with clamps, HTST supports, bolts, nuts and washers for PSCC Pole - 9 Mtr Long, 200 Kg WL-GI	set	**34**	CDS materials for General works
4	Supply & Providing of 45KN Composite polymer insulators.	No	**84**	283320
5	Supply & Providing of 11kV Composite Polymer pins insulators.(24mm dia FRP rod)	No	**96**	283008
6	Supply & Providing of Guy Set Complete with No. 15 Strain Insulator & Concreting materials-GI	set	**41**	CDS materials for General works
7	Supply & stringing of ACSR Rabbit conductor with 1.5% sag as per BESCOM Specification	Km	**7.931**	284108
8	Supply & Providing of Spiral Earth Electrode	No	**36**	281683
9	Supply & providing of 11kV class 200 AMPS Single Break GOS	Set	**11**	304212
10	Supply & providing of caution/Danger board as per drawing no.BESCOM/GM/CP/40/24.10.17	No	**13**	613050
11	Supply & Fixing of Anticlimbing Device GI Barbed Wire (12 mtrs/1kg)Lumpsum	Kg	**14**	278911
12	Supply & providing of Earthing materials pipe type for grounding as per Drawing No BESCOM/GM/CP/15&34 dt:24.10.17(Single Electrode with accessories)	No	**33**	281674+600095 +607054, CDS 60
13	Supply & providing of GI wire 8SWG	kg	**110**	281008
14	Supply & providing of Guy wire 7/10SWG	kg	**80**	281110
15	Supply & providing of 11kV lightning arrestors, poliymer Type,9kV 5 kA (Set=3No)	Set	**11**	303202, CDS 60
16	Supply & providing of LT Protection kit	No	**11**	301107
17	Supply & providing of H.G.Fuse unit,11kV solid core Type(Set=3no)	Set	**11**	302122
18	supply & providing Transparent Alkathine tube 19mm dia, 2mm thick in coils of 30 mtrs	Coil	**11**	821900
19	Supply & Erection of 9M PSCC pole WL 300Kg	No	**11**	200005

20	Supply & Erection of Single Pole Mounted Transformer kit for 25 kVA on 9 mtr PSCC Poles of 300kG WL --GI with H-frame	Set	**11**	280119, CDS materials for General works
21	Supply & Erection of 11kV/433V, 25 kVA,3phase 50cys Distribution Transformer BEE-4star rated	No	**11**	321437
22	Supply & providing of LT wiring (from 25 KVA DTC to LT line)		**8**	
a	Aluminium lead wire 50 sqmm	Mtr	**370**	289031
b	Heavy duty long barrel copper lugs- 50 sqmm	No	**98**	288531
c	P.G Clamps - Rabbit to 50 sq.mm	No	**51**	285508, CDS 63
d	Fish Plate with necessary Clamps, bolts & nuts etc complete (Galvanised)	No	**34**	280800+280511 , CDS 63
e	Spacers for DTC wiring	No	**98**	284503
f	LT Metering box with CTs and necessary wiring for housing ETV Meter (Please see CDS - 39)	No	**11**	CDS 39
23	PSCC Pole - 8 Mtr Long, 200 Kg WL (for Intermediate Pole)	No	**19**	200004
24	LT 4 Pin Cross Arm with clamps, bolts, nuts and washers for PSCC Pole - 8 Mtr Long, 200 Kg WL-GI	Set	**48**	280014, CDS materials for General works
25	1.1 kV Pin Insulator with GI Pin	No	**63**	283053, CDS 5
26	No. 8 Strain Insulator	No	**130**	283158
27	Supply & Providing of Guy Set Complete with No 8. Strain Insulator & Concreting materials-GI	Set	**22**	CDS materials for General works

PART-II ERECTION PORTION			
SL No	**Particulars**	**Unit**	**Total Qty**
1	Supply & Erection of PSCC pole 9 mtr long 300 kg W/L (for dead end and anchor points only)	No	**6**
2	Supply & Erection of PSCC pole 9 mtr long 200kg W/L (for intermediate only)	No	**7**
3	Supply & Erection of 11 kV, Horizontal Cross Arm with clamps, HTST supports, bolts, nuts and washers for PSCC Pole - 9 Mtr Long, 200 Kg WL-GI	set	**34**
4	Supply & Providing of Guy Set Complete with No. 15 Strain Insulator & Concreting materials-GI	set	**41**
5	Supply & stringing of ACSR Rabbit conductor with 1.5% sag as per BESCOM Specification	Km	**7.931**

6	Supply & Providing of Spiral Earth Electrode	No	**36**
7	Supply & providing of 11kV class 200 AMPS Single Break GOS	Set	**11**
8	Supply & providing of caution/Danger board as per drawing no.BESCOM/GM/CP/40/24.10.17	No	**13**
9	Supply & Fixing of Anticlimbing Device GI Barbed Wire (12 mtrs/1kg)Lumpsum	Kg	**14**
10	Supply & providing of Earthing materials pipe type for grounding as per Drawing No BESCOM/GM/CP/15&34 dt:24.10.17(Single Electrode with accessories)	No	**33**
11	Supply & providing of 11kV lightning arrestors, poliymer Type,9kV 5 kA (Set=3No)	Set	**11**
12	Supply & providing of LT Protection kit	No	**11**
13	Supply & providing of H.G.Fuse unit,11kV solid core Type(Set=3no)	Set	**11**
14	Supply & Erection of 9M PSCC pole WL 300Kg	No	**11**
15	Supply & Erection of Single Pole Mounted Transformer kit for 25 kVA on 9 mtr PSCC Poles of 300kG WL --GI with H-frame	Set	**11**
16	Supply & Erection of 11kV/433V, 25 kVA,3phase 50cys Distribution Transformer BEE-4star rated	No	**11**
17	Supply & providing of LT wiring (from 25 KVA DTC to LT line)		**8**
a	Aluminium lead wire 50 sqmm	Mtr	**370**
b	Heavy duty long barrel copper lugs- 50 sqmm	No	**98**
c	P.G Clamps - Rabbit to 50 sq.mm	No	**51**
d	Fish Plate with necessary Clamps, bolts & nuts etc complete (Galvanised)	No	**34**
e	Spacers for DTC wiring	No	**98**
f	LT Metering box with CTs and necessary wiring for housing ETV Meter (Please see CDS - 39)	No	**11**
18	PSCC Pole - 8 Mtr Long, 200 Kg WL (for Intermediate Pole)	No	**19**
19	LT 4 Pin Cross Arm with clamps, bolts, nuts and washers for PSCC Pole - 8 Mtr Long, 200 Kg WL-GI	Set	**48**
20	Supply & Providing of Guy Set Complete with No 8. Strain Insulator & Concreting materials-GI	Set	**22**